



08-17-07

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PATENT  
Docket No. 59427US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	BURTON et al.	)	Group Art Unit:	1615
Serial No.:	10/728,446	)	Examiner:	Isis A.D. Ghali
Filed:	5 December 2003	)	Confirmation No.:	9352
For:	<u>SILVER COATINGS AND METHODS OF MANUFACTURE</u>			

INFORMATION DISCLOSURE STATEMENT

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Pursuant to MPEP § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Applicants also wish to bring the Examiner's attention to any pending U.S. Application cited in the 1449 form submitted herewith, as well as any documents, Office Actions that may include rejections of similar claims, and any provisional U.S. patent applications referenced in the pending U.S. applications or in their file wrappers.

Since this Information Disclosure Statement is submitted after the receipt of an Office Action in the above-identified patent application, Applicants hereby authorize a charge of \$180 to Deposit Account No. 13-4895 to cover the fee required under 37 C.F.R. §§1.97(c) and

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**Information Disclosure Statement**

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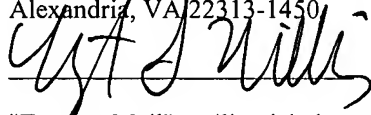
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1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 13-4895.

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

The undersigned hereby certifies that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



"Express Mail" mailing label number:  
EM 063174229 US

Date of Deposit: 16 August 2007

August 16, 2007  
Date

Respectfully submitted

By

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Applicant(s): BURTON et al.

Group Art Unit: 1615

Serial No.: 10/728,446

Examiner: Isis A.D. Ghali

Filed: 5 December 2003

Docket No.: 59427US002

Confirmation No.: 9352

Title: SILVER COATINGS AND METHOD OF MANUFACTURE

## Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ An itemized return postcard.
- ☐ A Petition for Extension of Time for \_\_\_ month(s). Please charge Deposit Account No. 13-4895 in the amount of \$\_\_\_ for the required fee.
- ☒ An Information Disclosure Statement (2 pgs); 1449 form (3 pgs); and copies of 25 documents cited on the 1449 form.
- ☐ A request for continued examination (RCE). Please charge Deposit Account No. 13-4895 in the amount of \$\_\_\_, for the required filing fee.
- ☐ An Appeal Brief. Please charge Deposit Account No. 13-4895 in the amount of \$\_\_\_, for the required Appeal Brief filing fee.
- ☐ A check in the amount of \$\_\_\_, for \_\_\_.
- ☐ A certified copy of a \_\_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.
- ☐ Other: \_\_\_\_\_
- ☐ Amendment \_\_\_ No Additional fee is required. \_\_\_ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$50 =	
Independent Claims				x \$200 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$360 Here→					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.

By: Ann M. Mueeting

Name: Ann M. Mueeting

Reg. No.: 33,977

Direct Dial: 612-305-1217

Facsimile: 612-305-1228

## CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EM 063174229 US

Date of Deposit: 16 August 2007

I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to: **Mail Stop Amendment** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Margaret S. Willis

Name: Margaret S. Willis

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

**INFORMATION  
DISCLOSURE  
STATEMENT**

Atty. Docket No.: 59427US002

Serial No.: 10/728,446

Applicant(s): BURTON et al.

Confirmation No.: 9352

Application Filing Date: 5 December 2003

Group: 1615

Information Disclosure Statement mailed: 16 August 2007


**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,528,321	07/09/1985	Allen et al.			
		5,214,119	05/25/1993	Leir et al.			
		5,418,257	05/23/1995	Weisman			
		5,432,000	07/11/1995	Young, Sr. et al.			
		5,437,932	08/01/1995	Ali et al.			
		5,567,779	10/22/1996	Sackmann et al.			
		6,130,303	10/10/2000	Neff et al.			
		6,284,362	09/04/2001	Takai et al.			
		6,333,093 B1	12/25/2001	Burrell et al.			
		6,458,877 B1	10/01/2002	Ahmed et al.			
		6,582,711 B1	06/24/2003	Asmus et al.			
		6,838,078 B2	01/04/2005	Wang et al.			
		<b>Published U.S. Patent Applications</b>					
		2002/0156150 A1	10/24/2002	Williams et al.			
		2003/0118629 A1	06/26/2003	Scholz et al.			
		2003/0149106 A1	08/07/2003	Mosbey et al.			
		2003/0175503 A1	09/18/2003	Lucast et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	x	CN 1169883C	10/06/2004	China			x	
	x	EP 0 126 528 A2	11/28/1984	EP				
	x	EP 0 172 025 B1	02/19/1986	EP				

**EXAMINER**
**Date Considered**

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 59427US002	<b>Serial No.:</b> 10/728,446
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	<b>Application Filing Date:</b> 5 December 2003	<b>Group:</b> 1615
	Information Disclosure Statement mailed: 16 August 2007	

	x	EP 0 172 724 A2	02/26/1986	EP				
	x	EP 0 172 724 B1	07/24/1991	EP				
	x	EP 0 326 382 B1	08/02/1989	EP				
	x	EP 0 489 967 A1	06/17/1992	EP				
	x	EP 0 497 607 B1	08/05/1992	EP				
	x	EP 0 984 698 B1	04/16/2003	EP				
	x	EP 1 033 141 A1	09/06/2000	EP				
	x	EP 1 601 386 B1	12/07/2006	EP				
	x	JP 2-684217	12/03/1997	Japan			x	
	x	WO 91/09633 A1	07/11/1991	WIPO				
	x	WO 98/41095 A2, A3	09/24/1998	WIPO				
	x	WO 99/57201 A1	11/11/1999	WIPO				
	x	WO 02/066087 A1	08/29/2002	WIPO				
	x	WO 2004/080498 A1	09/23/2004	WIPO				
	x	WO 2005/056069 A1	06/23/2005	WIPO				

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial	Copy Enclosed	Document Description
	x	Antelman "Silver (II, III) Disinfectants." Soap/Cosmetics/Chemical Specialties. March 1994. pp. 52-59.
	x	Furr et al. "Antibacterial Activity of Actisorb Plus, Actisorb and Silver Nitrate." 1994 <i>J. Hosp. Infect.</i> 27:201-208.
	x	Linke et al "Argentum" <i>Solubilities of Inorganic and Metal-organic Compounds, Volume I (A-Ir) and Volume II (K-Z); A Compilation of Solubility Data from the Periodical Literature, 4<sup>th</sup> edition.</i> D. Van Nostrand Co, Inc.; Princeton New Jersey, 1958. Title page and pp. 50-51.
	x	Nomiya et al. "Syntheses, Crystal Structures and Antimicrobial Activities of Polymeric Silver(I) Complexes with Three Amino-Acids [aspartic acid (H <sub>2</sub> asp), Glycine (Hgly) and Asparagine (Hasn)]." 2002 <i>J. Chem. Soc. Dalton Trns.</i> pp 2483-2490.

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Examiner Initial	Copy Enclosed	Document Description
	x	Thomas et al. "A Comparison of the Antimicrobial Effects of Four Silver-Containing Dressings on Three Organisms." 2003 <i>J. Wound Care</i> 12(3):101-107.
	x	Tredget et al. "A Matched-Pair, Randomized Study Evaluating the Efficacy and Safety of Acticoat* Silver-Coated Dressing for the Treatment of Burn Wounds." 1998 <i>J. Burn Care and Rehab.</i> 19(6):531-537.
	x	Wright et al. "Wound Management in an Era of Increasing Bacterial Antibiotic Resistance: A Role for Topical Silver Treatment." 1998 <i>AJIC</i> 26(6):572-577.

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